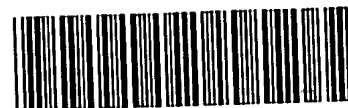


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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/623,543A

DATE: 03/13/2002
TIME: 12:21:58

Input Set : A:\SEQLIST500862002200.TXT
Output Set: N:\CRF3\03132002\I623543A.raw

4 <110> APPLICANT: Bridon, Dominique P.
5 Rasamoelisololo, Michele
6 Thibaudeau, Karen
7 Huang, Xicai
8 Beliveau, Richard
10 <120> TITLE OF INVENTION: LONG LASTING ANTI-ANGIOGENIC PEPTIDES
13 <130> FILE REFERENCE: 500862002200
15 <140> CURRENT APPLICATION NUMBER: US 09/623,543A
16 <141> CURRENT FILING DATE: 2000-09-05
18 <150> PRIOR APPLICATION NUMBER: PCT/IB00/00763
19 <151> PRIOR FILING DATE: 2000-05-17
21 <150> PRIOR APPLICATION NUMBER: 60/134,406
22 <151> PRIOR FILING DATE: 1999-05-17
24 <160> NUMBER OF SEQ ID NOS: 67
26 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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29 <211> LENGTH: 790
30 <212> TYPE: PRT
31 <213> ORGANISM: Artificial Sequence
33 <220> FEATURE:
34 <223> OTHER INFORMATION: Synthetic Peptide
36 <400> SEQUENCE: 1
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38 1 5 10 15
39 Val Thr Lys Lys Gln Leu Gly Ala Gly Ser Ile Glu Glu Cys Ala Ala
40 20 25 30
41 Lys Cys Glu Glu Asp Glu Glu Phe Thr Cys Arg Ala Phe Gln Tyr His
42 35 40 45
43 Ser Lys Glu Gln Gln Cys Val Ile Met Ala Glu Asn Arg Lys Ser Ser
44 50 55 60
45 Ile Ile Ile Arg Met Arg Asp Val Val Leu Phe Glu Lys Lys Val Tyr
46 65 70 75 80
47 Leu Ser Glu Cys Lys Thr Gly Asn Gly Lys Asn Tyr Arg Gly Thr Ser
48 85 90 95
49 Lys Thr Lys Asn Gly Ile Thr Cys Gln Lys Trp Ser Ser Thr Ser Pro
50 100 105 110
51 His Arg Pro Arg Phe Ser Pro Ala Thr His Pro Ser Glu Gly Leu Glu
52 115 120 125
53 Glu Asn Tyr Cys Arg Asn Pro Asp Asn Asp Pro Gln Gly Pro Trp Cys
54 130 135 140
55 Tyr Thr Thr Asp Pro Glu Lys Arg Tyr Asp Tyr Cys Asp Ile Leu Glu
56 145 150 155 160
57 Cys Glu Glu Glu Cys Met His Cys Ser Gly Glu Asn Tyr Asp Gly Lys

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Input Set : A:\SEQLIST500862002200.TXT

Output Set: N:\CRF3\03132002\I623543A.raw

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58                               165                               170                               175
59 Ile Ser Lys Thr Met Ser Gly Leu Glu Cys Gln Ala Trp Asp Ser Gln
60                               180                               185                               190
61 Ser Pro His Ala His Gly Tyr Ile Pro Ser Lys Phe Pro Asn Lys Asn
62                               195                               200                               205
63 Leu Lys Lys Asn Tyr Cys Arg Asn Pro Asp Arg Glu Leu Arg Pro Trp
64                               210                               215                               220
65 Cys Phe Thr Thr Asp Pro Asn Lys Arg Trp Glu Leu Cys Asp Ile Pro
66 225                               230                               235                               240
67 Arg Cys Thr Thr Pro Pro Pro Ser Ser Gly Pro Thr Tyr Gln Cys Leu
68                               245                               250                               255
69 Lys Gly Thr Gly Glu Asn Tyr Arg Gly Asn Val Ala Val Thr Val Ser
70                               260                               265                               270
71 Gly His Thr Cys Gln His Trp Ser Ala Gln Thr Pro His Thr His Asn
72                               275                               280                               285
73 Arg Thr Pro Glu Asn Phe Pro Cys Lys Asn Leu Asp Glu Asn Tyr Cys
74                               290                               295                               300
75 Arg Asn Pro Asp Gly Lys Arg Ala Pro Trp Cys His Thr Thr Asn Ser
76 305                               310                               315                               320
77 Gln Val Arg Trp Glu Tyr Cys Lys Ile Pro Ser Cys Asp Ser Ser Pro
78                               325                               330                               335
79 Val Ser Thr Glu Gln Leu Ala Pro Thr Ala Pro Pro Glu Leu Thr Pro
80                               340                               345                               350
81 Val Val Gln Asp Cys Tyr His Gly Asp Gly Gln Ser Tyr Arg Gly Thr
82                               355                               360                               365
83 Ser Ser Thr Thr Thr Thr Gly Lys Lys Cys Gln Ser Trp Ser Ser Met
84                               370                               375                               380
85 Thr Pro His Arg His Gln Lys Thr Pro Glu Asn Tyr Pro Asn Ala Gly
86 385                               390                               395                               400
87 Leu Thr Met Asn Tyr Cys Arg Asn Pro Asp Ala Asp Lys Gly Pro Trp
88                               405                               410                               415
89 Cys Phe Thr Thr Asp Pro Ser Val Arg Trp Glu Tyr Cys Asn Leu Lys
90                               420                               425                               430
91 Lys Cys Ser Gly Thr Glu Ala Ser Val Val Ala Pro Pro Pro Val Val
92                               435                               440                               445
93 Leu Leu Pro Asp Val Glu Thr Pro Ser Glu Glu Asp Cys Met Phe Gly
94                               450                               455                               460
95 Asn Gly Lys Gly Tyr Arg Gly Lys Arg Ala Thr Thr Val Thr Gly Thr
96 465                               470                               475                               480
97 Pro Cys Gln Asp Trp Ala Ala Gln Glu Pro His Arg His Ser Ile Phe
98                               485                               490                               495
99 Thr Pro Glu Thr Asn Pro Arg Ala Gly Leu Glu Lys Asn Tyr Cys Arg
100                               500                               505                               510
101 Asn Pro Asp Gly Asp Val Gly Gly Pro Trp Cys Tyr Thr Thr Asn Pro
102                               515                               520                               525
103 Arg Lys Leu Tyr Asp Tyr Cys Asp Val Pro Gln Cys Ala Ala Pro Ser
104                               530                               535                               540
105 Phe Asp Cys Gly Lys Pro Gln Val Glu Pro Lys Lys Cys Pro Gly Arg
106 545                               550                               555                               560

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Input Set : A:\SEQLIST500862002200.TXT

Output Set: N:\CRF3\03132002\I623543A.raw

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107 Val Val Gly Gly Cys Val Ala His Pro His Ser Trp Pro Trp Gln Val
108                               565                               570                               575
109 Ser Leu Arg Thr Arg Phe Gly Met His Phe Cys Gly Gly Thr Leu Ile
110                               580                               585                               590
111 Ser Pro Glu Trp Val Leu Thr Ala Ala His Cys Leu Glu Lys Ser Pro
112                               595                               600                               605
113 Arg Pro Ser Ser Tyr Lys Val Ile Leu Gly Ala His Gln Glu Val Asn
114                               610                               615                               620
115 Leu Glu Pro His Val Gln Glu Ile Glu Val Ser Arg Leu Phe Leu Glu
116 625                               630                               635                               640
117 Pro Thr Arg Lys Asp Ile Ala Leu Leu Lys Leu Ser Ser Pro Ala Val
118                               645                               650                               655
119 Ile Thr Asp Lys Val Ile Pro Ala Cys Leu Pro Ser Pro Asn Tyr Val
120                               660                               665                               670
121 Val Ala Asp Arg Thr Glu Cys Phe Ile Thr Gly Trp Gly Glu Thr Gln
122                               675                               680                               685
123 Gly Thr Phe Gly Ala Gly Leu Lys Glu Ala Gln Leu Pro Val Ile
124                               690                               695                               700
125 Glu Asn Lys Val Cys Asn Arg Tyr Glu Phe Leu Asn Gly Arg Val Gln
126 705                               710                               715                               720
127 Ser Thr Glu Leu Cys Ala Gly His Leu Ala Gly Gly Thr Asp Ser Cys
128                               725                               730                               735
129 Gln Gly Asp Ser Gly Gly Pro Leu Val Cys Phe Glu Lys Asp Lys Tyr
130                               740                               745                               750
131 Ile Leu Gln Gly Val Thr Ser Trp Gly Leu Gly Cys Ala Arg Pro Asn
132                               755                               760                               765
133 Lys Pro Gly Val Tyr Val Arg Val Ser Arg Phe Val Thr Trp Ile Glu
134                               770                               775                               780
135 Gly Val Met Arg Asn Asn
136 785                               790
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139 <211> LENGTH: 7
140 <212> TYPE: PRT
141 <213> ORGANISM: Artificial Sequence
143 <220> FEATURE:
144 <223> OTHER INFORMATION: Synthetic Peptide
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148 1 5
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151 <211> LENGTH: 12
152 <212> TYPE: PRT
153 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
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158 <400> SEQUENCE: 3
159 Tyr Thr Thr Asn Pro Arg Lys Leu Tyr Asp Tyr Lys
160 1 5 10
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/623,543A

DATE: 03/13/2002

TIME: 12:21:58

Input Set : A:\SEQLIST500862002200.TXT

Output Set: N:\CRF3\03132002\I623543A.raw

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165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Synthetic Peptide
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174 20
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177 <211> LENGTH: 12
178 <212> TYPE: PRT
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Synthetic Peptide
184 <400> SEQUENCE: 5
185 Arg Asn Pro Asp Gly Asp Val Gly Gly Pro Trp Lys
186 1 5 10
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190 <212> TYPE: PRT
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196 <400> SEQUENCE: 6
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198 1 5
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201 <211> LENGTH: 12
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203 <213> ORGANISM: Artificial Sequence
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214 <212> TYPE: PRT
215 <213> ORGANISM: Artificial Sequence
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220 <400> SEQUENCE: 8
221 Tyr Thr Thr Asn Pro Arg Lys Leu Tyr Asp Tyr
222 1 5 10
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225 <211> LENGTH: 23
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RAW SEQUENCE LISTING

DATE: 03/13/2002

PATENT APPLICATION: US/09/623,543A

TIME: 12:21:58

Input Set : A:\SEQLIST500862002200.TXT

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227 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
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235 Pro Arg Lys Leu Tyr Asp Tyr
236 20
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239 <211> LENGTH: 7
240 <212> TYPE: PRT
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247 Arg Lys Leu Tyr Asp Tyr Lys
248 1 5
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252 <212> TYPE: PRT
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272 1 5
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284 <211> LENGTH: 8
285 <212> TYPE: PRT
286 <213> ORGANISM: Artificial Sequence
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VERIFICATION SUMMARY

DATE: 03/13/2002

PATENT APPLICATION: US/09/623,543A

TIME: 12:21:59

Input Set : A:\SEQLIST500862002200.TXT

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